

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S106	26	S105 and (in\$ga\$n or ga\$n\$ \$n or ga\$n\$in or (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 16:45
S105	350	pit with per with area	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 16:44
S104	5	("6051849" "6500747" "6537839" "6555846"). PN. OR ("7105865").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 16:38
S103	90	S92 not S93	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 16:30
S102	35	pit with density with "10. sup.8"	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 16:15
S101	2	("20020084452" "7193246").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 15:57
S100	1	("20020084452" "7193246").PN.	USPAT	OR	ON	2010/04/28 15:57
S99	0	"11 563799"	USPAT	OR	ON	2010/04/28 15:56
S98	0	"11563799"	USPAT	OR	ON	2010/04/28 15:56
S97	0	"11/563799"	USPAT	OR	ON	2010/04/28 15:56
S96	0	"11563799"	USPAT	OR	ON	2010/04/28 15:56
S95	5	("2007/0122994").URPN.	USPAT	OR	ON	2010/04/28 15:55
S94	16	("20020084452" "20030001161" "20030006418" "20030016863" "20030123164" "5393993" "5523589" "6015979" "6121634" "6201262" "6329667" "6459100" "6664560" "6693303" "6734003" "6740906").PN. OR ("7446345").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 15:33
S93	45	S92 and (MQW or (multiple near2 quantum near2 well) or super\$lattice)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 15:14

S92	135	pit with (in\$ga\$n or ga\$n \$n or ga\$n\$n or (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/28 15:13
S91	25	gan with pit with (ingan or gainn or ganin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 15:12
S90	15	gan with pit with interface	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:50
S89	25	("20020093020" "20030006418" "4866005" "4918497" "5027168" "5393993" "5523589" "5585648" "5661074" "5874747" "5939732" "6051849" "6177168" "6210987" "6306675" "RE34861"). PN. OR ("6664560").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:43
S88	16	("20020084452" "20030001161" "20030006418" "20030016863" "20030123164" "5393993" "5523589" "6015979" "6121634" "6201262" "6329667" "6459100" "6664560" "6693303" "6734003" "6740906").PN. OR ("7446345").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:32
S87	15	super\$lattice with (ingan or gan) same pit	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:23
S86	2	super\$lattice with (ingan or gan) with pit	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:22
S85	1	super\$lattice with ingan with gan with pit	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:22
S84	27	\1063711	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 10:37
S83	0	ep1063711	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 10:37
S82	0	ep1063711	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 10:37
S81	5	(band near2 yellow near2 intensity)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:34

S80	1	(band near2 yellow near2 intensity)with ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:34
S79	4	(band near2 yellow) and (intensity near2 (gan or (gallium near2 nitride))) and ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:30
S78	1	(intensity near2 yellow) and (intensity near2 (gan or (gallium near2 nitride))) and ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:29
S77	1	(intensity near2 yellow) same (intensity near2 (gan or (gallium near2 nitride))) same ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:29
S76	1835561	(intensity near2 yellow) same (intensity near2 (gan or (gallium near2 nitride))) samee ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:29
S75	1835620	(intensity near2 yellow) same (intensity near2 (gan or (gallium near2 nitride))) samer ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:29
S74	1	(intensity near2 yellow) with (intensity near2 (gan or (gallium near2 nitride))) with ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:28
S73	8	S66 and S71	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:23
S72	12	S65 and S71	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:20
S71	52	pit with density with cm	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:19
S70	16	S69 and S65	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:02
S69	16	S66 and S67	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:02
S68	0	S66 same S67	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:02
S67	6250	super\$lattice	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:02
S66	124	((hex or hexagon or hexagonal) near2 pit)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:02
S65	186489	(In\$\$Ga\$\$N or Ga\$\$In\$N or InGaN or GaInN(indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:01
S64	29	S62 and S63	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:37
S63	9041	blue near2 LED	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:37

S62	171	S57 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:37
S61	387	S54 with super\$lattice	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:37
S60	5	S55 and S57	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:30
S59	10	S55 and S56	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:29
S57	1458	S54 with active with (mwq or quantum)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:29
S56	6365	S54 with active	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:29
S55	10	(esd or (electro\$static near discharg\$3)) with super \$lattice	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:28
S54	173506	(In\$Ca\$N or (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:28
S53	16	("5650198").PN. OR ("6017774").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 17:21
S52	12	("5274251" "5476811" "5559058" "5592501" "5646953" "5670798" "5859864" "5902393" "5995527" "6072189" "6156581").PN. OR ("6309459").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 17:20
S51	45	(temperature with In with content) same In\$ga\$n	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 16:22
S50	2	("6657300").PN. OR ("6872986").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 15:32
S49	78	S46 and S47 and S48	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 15:12
S48	22521	esd or (electro\$static near discharg\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 15:12
S47	173506	(In\$Ca\$N or (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 15:11
S46	9041	blue near2 LED	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 14:53
S45	47	257/631.ccls. and nitride	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 10:27
S44	31	("5146465" "5291507" "5656832" "5777350" "5834331" "5900650" "6111277" "6118801" "6147364" "6153894" "6281522").PN. OR ("6337493").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:21
S43	387	S40 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:13

S42	1983	(In\$\$\$Ga\$\$\$N or Ga\$\$\$In\$N or InGaN or GaInN) same (mqw or (multi\$3 adj layer) or multi\$layer) S40 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:13
S41	1983	(In\$\$\$Ga\$\$\$N or Ga\$\$\$In\$N or InGaN or GaInN) same (mqw or (multi\$3 adj layer) or multi\$layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:10
S33	531	(In\$\$\$Ga\$\$\$N or Ga\$\$\$In\$N or InGaN or GaInN) same (mqw or (multi\$3 adj layer) or multi\$layer) same (((n adj type) or n\$type) near3 (GaN or (gallium nitride)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:05
S40	3840	257/13,14,103,e33.008, e33.023,e33.025.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:04
S39	2	("20050263779" "20060076574").PN. OR ("7180096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 08:32
S38	5	yellow near2 band near2 intensity	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 13:47
S20	167	S17 same (ingan or (MQW or layer or multi\$layer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 13:47
S37	1	"7193246"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 09:43
S36	25	S33 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:53
S35	706	(dislocat\$4 or defect or imperfect\$5 or pits) with hexagonal	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:53
S34	29	S33 same (dislocat\$4 or defect or imperfect\$5 or pits or hexagonal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:52
S24	177615	(In\$\$\$Ga\$\$\$N or Ga\$\$\$In\$N or InGaN or GaInN)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:25
S32	174	S31 and mqw	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:14
S29	243	S27 and mqw	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:14
S31	559	S24 same S30	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:13
S30	59330	((alternat\$4 or varying or rais\$3 or lower\$3 or chang \$3) with temperature) with layer	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:13
S28	718	S26 and mqw	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:13
S27	1074	S24 same S25	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:13

S25	139947	((alternat\$4 or varying or rais\$3 or lower\$3 or chang\$3) with temperature) same layer	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:13
S26	7579	S24 and S25	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:12
S23	11	"6370176"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 17:03
S22	166	S17 same (MQW or layer or multi\$layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:56
S21	3	S17 same (ingan and (MQW or layer or multi\$layer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:56
S19	1	S17 same S18	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:49
S18	3688	ingan with (MQW or layer or multi\$layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:49
S17	662	hexagonal with (pit or dislocation or defect)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:47
S16	7	("5585648" "5751013" "5793054" "5959307" "6072197" "6078064" "6285696").PN. OR ("6670647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:47
S15	7	("5585648" "5751013" "5793054" "5959307" "6072197" "6078064" "6285696").PN. OR ("6670647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 15:02
S14	18	("5777350" "5889806" "5903017" "5923690" "5932896" "5987048" "6120909" "6121639").PN. OR ("6285696").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 12:54
S13	29	("5278435" "5290393" "5693963").PN. OR ("5903017").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:30
S12	604	S11 and (MQW or (quantum adj well)) and (lattice or superlattice or (super adj lattice))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:34
S11	1081	S7 and (InGa _N or GaIn _N or (indium near ₂ gallium near ₂ nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:34
S10	680	S9 and (MQW or (quantum adj well)) and (lattice or superlattice or (super adj lattice))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:34
S9	1230	S7 and (In ₂ Ga ₂ N or Ga ₂ In ₂ N or InGa _N or GaIn _N or (indium near ₂ gallium near ₂ nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:34

S8	1230	S7 and (In\$Ga\$N or Ga\$In\$N or (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:27
S7	1813	S6 and (LED or (light adj emit\$4 adj (device or diode)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:26
S6	1984	257/e33.008,e33.023, e33.025,e33.027,e33.028, e33.03.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:26
S3	1371	S2 and (GaN or (gallium adj nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:25
S5	74	("5146465" "5306662"). PN. OR ("6172382").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 10:15
S4	36	S3 and (esd or (electr\$4 adj static adj discharg\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 10:00
S2	1813	S1 and (LED or (light adj emit\$4 adj (device or diode)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 09:58
S1	1984	257/e33.008,e33.023, e33.025,e33.027,e33.028, e33.03.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 09:57

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